

Converting Colors

`RYB(211, 148, 205)`

Have a look what the booklet for
RYB(211, 148, 205) contains.

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Color

R_YB(211, 148, 205)

Conversions

Conversions Part 1

Format	Color
Hex	D394CD
RGB	211, 148, 205
RGB Percent	83%, 58%, 80%
CMY	0.1725, 0.4196, 0.1961
CMYK	0.00, 0.30, 0.03, 0.17
HSL	306°, 42%, 70%
HSV	306°, 30%, 83%
XYZ	48.4733, 39.4365, 62.8148
YIQ	173.3350, 19.2510, 31.0830

Conversions

Conversions Part 2

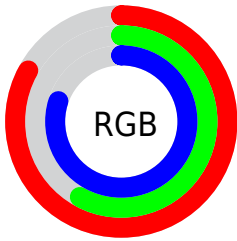
Format	Color
R_{YB}	211, 148, 205
Decimal	13866189
CIE _{Lab}	69.07, 32.81, -19.83
CIE _{LCh}	69, 38.337, 328.856
Yxy	39.4365, 0.3216, 0.2616
Android (android.graphics.Color)	4292056269 (0xFFD394CD)
YUV	173.3350, 15.6108, 33.0322
Hunter-Lab	62.7985, 27.8845, -15.3465

Details

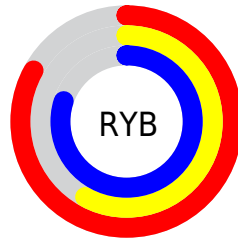
The RYB color **211, 148, 205** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **148, 206, 211**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **255, 203, 255**, and **156, 96, 151** is the 20% darker color. If you saturate the color by 10%, you get **211, 127, 203**, and if you desaturate by 10%, it is **211, 169, 207**.

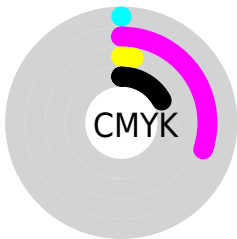
Distribution



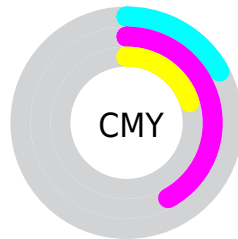
- Red (83%)
- Green (58%)
- Blue (80%)



- Red (83%)
- Yellow (58%)
- Blue (80%)



- Cyan (0%)
- Magenta (30%)
- Yellow (3%)
- Black (17%)



- Cyan (17%)
- Magenta (42%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 211, 148, 205 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 211, 148, 205 by changing the saturation by 10% instead.

 211, 148, 205

 211, 148, 205

255, 255, 255

 183, 122, 177


 255, 203, 255

 156, 96, 151

 255, 231, 255


 129, 72, 125


 103, 47, 100


 78, 24, 76


 54, 0, 53


 34, 0, 32


 0, 0, 2


 0, 0, 0


 211, 148, 205


 211, 148, 205

 211, 127, 203


 211, 169, 207

 211, 106, 201


 211, 190, 209

 211, 85, 199


 211, 211, 211

 211, 64, 197


 211, 230, 232

 211, 43, 195

 211, 250, 254

 211, 21, 193

 211, 250, 255

 211, 0, 191

 211, 248, 255

 211, 247, 255

 211, 246, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



170, 160, 229



211, 148, 205



233, 142, 171

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



211, 148, 205



135, 192, 99



0, 97, 201

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



211, 148, 205



148, 206, 211

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66, 132, 187



211, 148, 205



106, 177, 126

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



211, 148, 205



220, 183, 110



115, 170, 184



48, 125, 227

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



211, 148, 205



236, 142, 148



115, 170, 184



24, 106, 190

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



211, 148, 205



255, 232, 253



153, 148, 211



128, 113, 126



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



211, 148, 205



255, 163, 246



211, 148, 174



105, 94, 104



168, 0, 152



41, 0, 37

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



211, 148, 205



255, 163, 246



148, 188, 211



105, 94, 104



168, 0, 152



41, 0, 37

Previews

White Background



This preview shows how the RYB color 211, 148, 205 looks on a white background.

Color Contrast Check

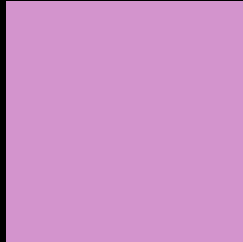
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 211, 148, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

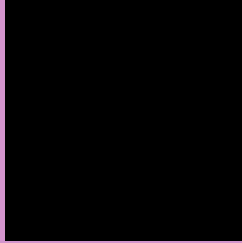
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 211, 148, 205 Background



This preview shows how black text looks on a background with the RYB color 211, 148, 205.

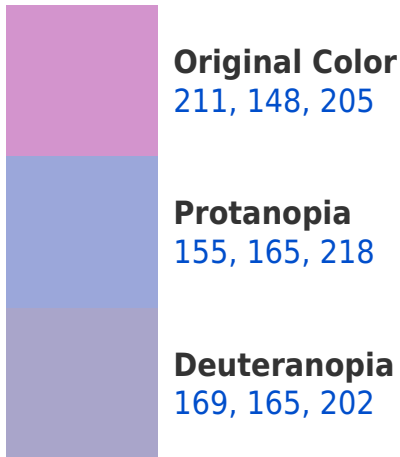


This preview shows how white text looks on a background with the RYB color 211, 148, 205.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
206, 155, 167

Trichromacy



Original Color

211, 148, 205



Protanomaly

175, 160, 213



Deuteranomaly

184, 159, 203



Tritanomaly

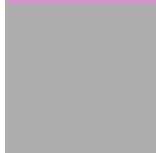
208, 152, 181

Monochromacy



Original Color

211, 148, 205



Achromatopsia

173, 173, 173



Achromatomaly

187, 164, 185

CSS Examples

Text

The CSS property to change the color of the text to RYB 211, 148, 205 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(211, 148, 205) looks like.

```
.text, #text, p{  
    color:rgb(211, 148, 205)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(211, 148, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 148, 205) }
```

Border

The CSS property to change the border of an element to RYB 211, 148, 205 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(211, 148, 205) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(211, 148, 205) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(211, 148, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 148, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 148, 205);  
box-shadow:4px 4px 4px 4px rgb(211, 148,  
205) }
```

Background

The CSS property to change the background color of an element to RYB 211, 148, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 148, 205) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(211,  
148, 205) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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